**NXP Semiconductors / Freescale**

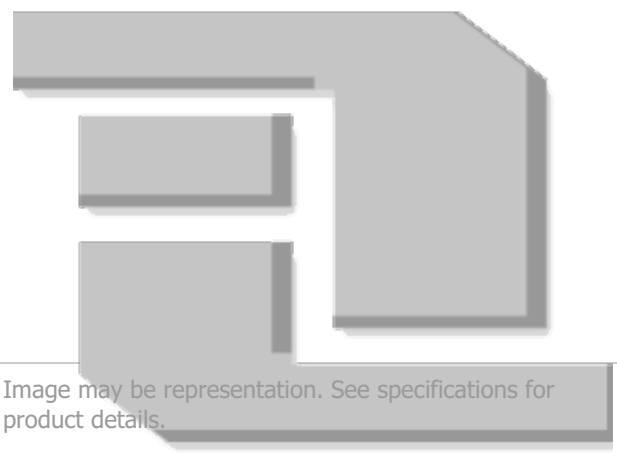

Image may be representation. See specifications for product details.

# MSC8254TVT800B

| | |
|---|---|
| Part Number: | MSC8254TVT800B |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | IC PROCESSOR 4-CORE 783FCBGA |
| Datasheets: | |
| RoHs Status | Lead free / RoHS Compliant |
| Stock Condition | 6259 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

**REQUEST FOR QUOTATION**

## Specifications of MSC8254TVT800B

| | |
|---|---|
| PART NUMBER | MSC8254TVT800B |
| MANUFACTURER | NXP Semiconductors / Freescale |
| DESCRIPTION | IC PROCESSOR 4-CORE 783FCBGA |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 6259 pcs |
| DATA SHEET | |
| VOLTAGE - I/O | 2.50V |
| VOLTAGE - CORE | 1.00V |
| TYPE | SC3850 Quad Core |
| SUPPLIER DEVICE PACKAGE | 783-FCPBGA (29x29) |
| SERIES | StarCore |
| PACKAGING | Tray |
| PACKAGE / CASE | 783-BBGA, FCBGA |
| OPERATING TEMPERATURE | -40°C ~ 105°C (TJ) |
| ON-CHIP RAM | 576kB |
| NON-VOLATILE MEMORY | ROM (96 kB) |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| INTERFACE | Ethernet, I²C, PCI, RGMII, Serial RapidIO, SGMII, SPI, UART/USART |
| CLOCK RATE | 800MHz |
| BASE PART NUMBER | MSC8254 |

## Related Tags

| | | |
|---|---|---|
| MSC8254TVT800B | MSC8254TVT800B Distributor | MSC8254TVT800B Supplier |
| MSC8254TVT800B Price | MSC8254TVT800B Pictures | MSC8254TVT800B Image |
| MSC8254TVT800B PDF Datasheet | MSC8254TVT800B Download Datasheet | MSC8254TVT800B Datasheet |
| MSC8254TVT800B Stock | Buy MSC8254TVT800B | Buy MSC8254TVT800B |
| MSC8254TVT800B | Supplier | Distributor |

## Related Products



**MSC8256SVT800B**
Manufacturers: NXP
Description: IC PROCESSOR 6-CORE 783FCBGA
In stock: 6720 pcs
RFQ

**MSC8254SVT1000B**
Manufacturers: NXP
Description: IC PROCESSOR 4-CORE 783FCBGA
In stock: 3986 pcs
RFQ

**MSC8256TVT800B**
Manufacturers: NXP
Description: IC PROCESSOR 6-CORE 783FCBGA
In stock: 3027 pcs
RFQ

**MSC8254SAG1000B**
Manufacturers: NXP
Description: IC DSP 4X 1GHZ SC3850 783FCBGA
In stock: 4109 pcs
RFQ

**MSC8256SAG1000B**
Manufacturers: NXP
Description: IC DSP 6X 1GHZ SC3850 783FCBGA
In stock: 618 pcs
RFQ

**MSC8254SVT800B**
Manufacturers: NXP
Description: IC PROCESSOR 4-CORE 783FCBGA
In stock: 3807 pcs
RFQ



**MSC8256SVT1000B**
Manufacturers: NXP
Description: IC PROCESSOR 6-CORE 783FCBGA
In stock: 5162 pcs
RFQ

**MSC8254TAG1000B**
Manufacturers: NXP
Description: IC DSP 4X 1GHZ SC3850 783FCBGA
In stock: 5437 pcs
RFQ

**MSC8256TAG1000B**
Manufacturers: NXP
Description: IC DSP 6X 1GHZ SC3850 783FCBGA
In stock: 535 pcs
RFQ

**MSC8252TVT1000B**
Manufacturers: NXP
Description: IC PROCESSOR 2-CORE 783FCBGA
In stock: 5138 pcs
RFQ

**MSC8254TVT1000B**
Manufacturers: NXP
Description: IC DSP QUAD 1GHZ 783FCBGA
In stock: 4382 pcs
RFQ

**MSC8256TVT1000B**
Manufacturers: NXP
Description: IC DSP 6 CORE 1GHZ 783FCBGA
In stock: 4508 pcs
RFQ

**Copyrigh Dis nic Components**
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